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STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10826160
Filing Date	2004-04-15
First Named Inventor	Hua-Jun Zeng
Art Unit	2177
Examiner Name	
Attorney Docket Number	MS1-1892US

**U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
AJS	1	6112202		2000-08-29	Kleinberg	
AJS	2	6560600		2003-05-06	Broder	
AJS	3	6678407		2004-01-13	Tajima	

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**U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
AJS	1	20030208482	A1	2003-11-06	Kim, Brian S.; et al.	
AJS	2	20030226100	A1	2003-12-04	Farahat, Ayman O.; et al.	

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Attorney Docket Number	MS1-1892US	

AJS	1	DE10029644			2002-01-17	DEUTSCHE TELEKOM AG (DE)		<input type="checkbox"/>
AJS	2	WO9749048			1997-12-24	IDD ENTERPRISES L P (US)		<input type="checkbox"/>
AJS	3	WO9948028			1999-09-23	GLOBALBRAIN NET INC (US)		<input type="checkbox"/>

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AJS	1	Boyan et al., "A Machine Learning Architecture for Optimizing Web Search Engines", AAAI Workshop on Internet- Based Information Systems, 1996, pp. 1-8, Retrieved from the Internet <a href="http://www.cs.cornell.edu/People/tj/publications/boyan_etal_96a.pdf">http://www.cs.cornell.edu/People/tj/publications/ boyan_etal_96a.pdf</a>	<input type="checkbox"/>
AJS	2	Frei et al., "The Use of Semantic Links in Hypertext Information Retrieval" Information Processing & Management, Elsevier, Barking, GB, vol. 31, no. 1, 2 January 1995, pp. 1-13	<input type="checkbox"/>
AJS	3	Li, "Toward a Qualitive Search Engine" Internet Computing, IEEE, vol. 2, no. 4, July 1998, pp. 24-29, Retrieved from the Internet at <a href="http://ieeexplore.ieee.org/xpl/abs_free.jsp?arNumber=707687">http://ieeexplore.ieee.org/xpl/abs_free.jsp?arNumber=707687</a>	<input type="checkbox"/>
AJS	4	Marchioro, Massimo, "The Quest for Correct Information on the Web: Hyper Search Engines" Computer Networks and ISDN Systems, North Holland Publishing, Amsterdam, NL, vol. 29, no. 8-13, September 1997, pp. 1225-1235	<input type="checkbox"/>

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AJS	1	EP0809197						<input type="checkbox"/>

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First Named Inventor	Hua-Jun Zeng	
Art Unit		
Examiner Name		
Attorney Docket Number	MS1-1892US	

AJS	1	Attardi, G. et al.: "Automatic web Page Categorization by Link and context Analysis" Proceedings of THIA, European Symposium on Intelligence, 1999. *the whole document*	<input type="checkbox"/>
AJS	2	Brin S et al: "The anatomy of a large-scale hypertextual web search engine" Computer Networks and ISDN Systems, North Holland Publishing. Amsterdam, NL, Vol. 30, No. 1-7, April 1998, Pages 107-117.	<input type="checkbox"/>
AJS	3	Harmandas, V. et al. "Image Retrieval by Hypertext Links" Association For Computing Machinery. Proceedings of the 20th Annual International ACM-SIFIR Conference on Research and Development in Information Retrieval. Philadelphia, PA, July 27-31, 1997, Pages 298-303.	<input type="checkbox"/>
AJS	4	Smith, J.R. et al.: "An Image and Video Search Engine for the World-Wide Web" Storage and retrieval for image and video databases 5. San Jose, Feb. 13-14, 1997, Proceedings of SPIE, Bellingham, SPIE, US, Vol. 3022, pages 84-95.	<input type="checkbox"/>
AJS	5	Westerveld, T. et al: "Retriving Web Pages using Content, Links, URLs and Anchors" Test Retrieval Conference. Proceedings, XX, XX, 13, November 2001, pages 663-672.	<input type="checkbox"/>

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b> Application Number 10/826,160 Filing Date 4/15/2004 First Named Inventor Zeng et al. Art Unit Examiner Name Attorney Docket Number MS1 - 1892US			
Sheet	1	of	1				

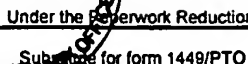
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of	2
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Application Number	10/826,160
Filing Date	4/15/2004
First Named Inventor	Hua-Jun Zeng et al.
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 - 1892US

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

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		Application Number	10/826,160		
		Filing Date	4/15/2004		
		First Named Inventor	Hua-Jun Zeng et al.		
		Art Unit			
		Examiner Name			
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NON PATENT LITERATURE DOCUMENTS			
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AJS		KIM et al, "A Comparison of Collocation-Based Similarity Measures in Query Expansion", Information Processing & Management, Elsevier Science Ltd, vol. 35, No. 1, January 1999 pp. 19-30.	
AJS		QIU et al, "Concept Based Query Expansion", SIGIR Forum, Association for Computing Machinery, New York, June 27, 1993, pp. 160-169.	
AJS		Raghavan et al, "On the Reuse of Past Optimal Queries", SIGIR '95, Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, July 9, 1995, pp. 344-350.	
AJS		Beeferman D. & Berger A. "Agglomerative clustering of a search engine query log" Proceedings of the ACM SIGKDD. International conference on Knowledge Discovery and Data Mining, ACM, US, 2000, pages 407-416, XP002339640	
AJS		Srivastava et al. "Discovery and Applications of Usage Patterns from Web Data" Sigkdd Explorations, January 2000 (2000-20001), pages 12-23, XP002241892 "the whole document"	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/826,160		
		Filing Date	Apr 15, 2004		
		First Named Inventor	Zeng		
		Group Art Unit			
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	MS1-1892US

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AJS		CHAKRABARTI S. "Data Mining for Hypertext: A tutorial survey" SIGKDD Explorations vol 1 Issue 2, January 2000, 11 pages	
AJS		COHN et al.; "The Missing Link - A Probabilistic Model of Document Content and Hypertext Connectivity" Proceedings of Neural Information Processing Systems, 2001, 7 pages	
AJS		DHILLON et al.; "Efficient Clustering of Very Large Document Collections" Data Mining, for Scientific and Engineering Applications, Chapter 1, Kluwer Academic Publishers, 2001, pages 1-25	
AJS		LIU et al.; "Clustering Through Decision Tree Construction" 9th International Conference on Information and Knowledge Management, 2000, 10 pages	
AJS		KLEINBERG J. M.; "Authoritative Sources in a Hyperlinked Environment" Proceedings of the ACM-SIAM Symposium on Discrete Algorithms, 1998, 34 pages	
AJS		HEER et al.; "Identification of Web User Traffic Composition using Multi-Modal Clustering and Information Scent" 1st SIAM ICDM Workshop on Web Mining, Chicago 2001. 13 pages	
AJS		GIBSON et al.; "Inferring Web Communities from Link Topology" Proceedings of the 9th ACM Conference on Hypertext and Hypermedia, 1998, 17 pages	
AJS		NEVILLE et al; "Iterative Classification in Relational Data" Proceedings AAAI-2000 Workshop on Learning Statistical Models from Relational Data, AAAI Press 2000, pages 42-49	
AJS		STEINBACH et al.; "A Comparison of Document Clustering Techniques" 6th ACM SIGKDD World Text Mining Conference Boston, 2000, 2 pages	
AJS		SU et al.; "Correlation-based Document Clustering using Web Logs" Proceedings of the 34th Hawaii International Conference on System Sciences, 2001, 7 pages	
AJS		TASKAR et al.; "Probabilistic Classification and Clustering in Relational Data" Proceedings of the 34th Hawaii International Conference on System Sciences, 2001. 7 pages	

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		Application Number	10/826,160
		Filing Date	Apr 15, 2004
		First Named Inventor	Zeng
		Group Art Unit	
		Examiner Name	
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		Attorney Docket Number	MS1-1892US

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AJS		UNGER et al.; "Clustering Methods for Collaborative Filtering" In Workshop on Recommendation System at the 15th National Conference on Artificial Intelligence, 1998, 16 pages	
AJS		WEN et al.; "Query Clustering Using User Logs" ACM Transactions on Information Systems vol 20 no 1; January 2002, pages 59-81	
AJS		ZENG et al; "A Unified Framework for Clustering Heterogeneous Web Objects" Proceedings of the 3rd International Conference of Web Information System Engineering, Singapore 2002, 10 pages	
AJS		"Open Directory Project" <a href="http://dmoz.org/">http://dmoz.org/</a> Netscape, 1998-2004 1 page	
AJS		BERKHIN P.; "Survey of Clustering Data Mining Techniques" Accrue Software Inc.; 2002 pgs 1-56	
AJS		YANG et al.; "A Comparative Study on Feature Selection in Text Categorization" Proceedings of the Fourteenth International Conference on Machine Learning, Morgan Kaufmann Publishers Inc., San Francisco 1997, Pages: 412 - 420	

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